

Board of Directors

Chairman

Seán McGlynn, Ph.D.
McGlynn Laboratories,
Inc.

Vice Chairman

Howard Kessler, M.D.
Former Wakulla County
Commissioner

Treasurer

Jim Davis
Sustainable Tallahassee

Secretary

Bart Bibler, P.E.
Independent Green
Technologies

Doug Barr

Former Executive
Director, NFWFMD

Gail Fishman

St. Marks National
Wildlife Refuge

Albert Gregory

Retired, Department of
Environmental
Protection

Jamie Hughes-Davis

CDM Smith Engineers

Cal Jamison

Supervisor, Wakulla
County Soil & Water
Conservation District

Debbie Lightsey

Retired Tallahassee
City Commissioner

Jim Stevenson

Former Chair, Florida
Springs Task Force

Vivian Young

Communications
Director
1000 Friends of Florida

Wakulla Springs Alliance

*"Protecting and restoring water quality, spring flow and ecological health of
Wakulla Spring."*

DATE: May 5, 2019

Dear Mayor Dailey and Members of the City Commission:

At our meeting on April 26, 2019, the Governing Board of the Wakulla Springs Alliance heard presentations about the proposal by NextEra to construct 25 miles of 120 foot tall, 25 ton, concrete utility poles, 500 feet apart, that could be upgraded, along Tram Road and extending through portions of Apalachicola National Forest. The proposed route traverses an area of the Wakulla Springs spring-shed that is underlain by an unconfined portion of the Floridan Aquifer. This area is defined as being "most vulnerable" according to the Leon County Aquifer Vulnerability Assessment developed by Advanced GeoSpatial Inc. This area is along Tram Road, and just south of the Cody Scarp. During the interglacial period, the Cody Scarp was the coastline, with maximum sea level and temperature, tremendous storms and surf washed away the most clay here making this a "Most Vulnerable Area". We already spent \$280 million dollars fixing the City of Tallahassee's SE Spray Field there. Do we want to place something else there that might endanger Wakulla Spring? Constructing the power line on this route will also create substantial impacts on adjoining properties and communities.

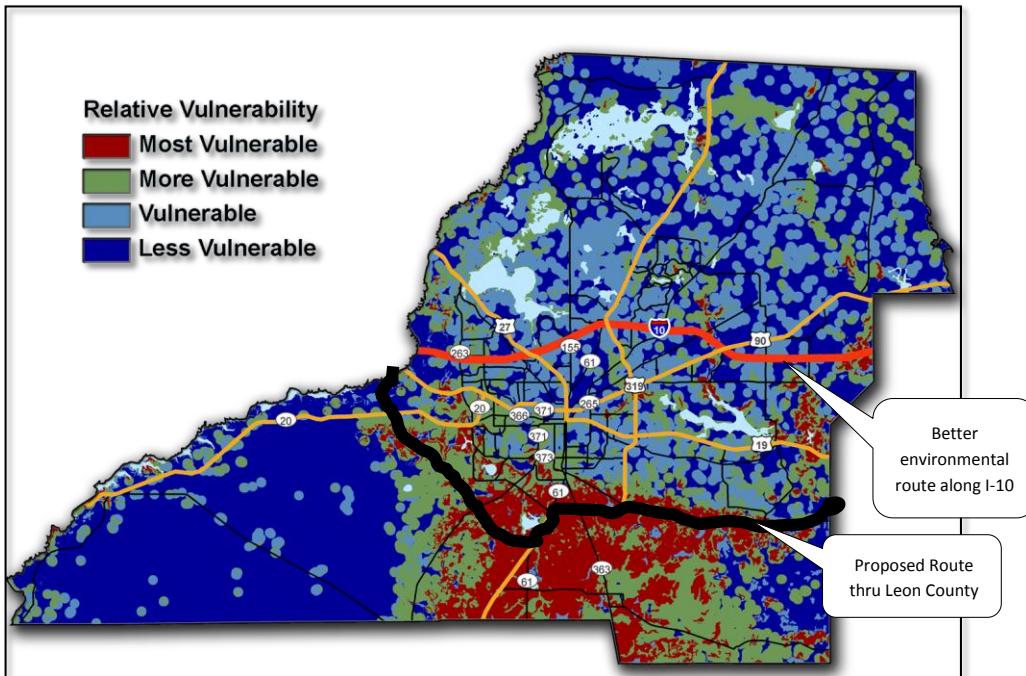
The Wakulla Springs Alliance is concerned that construction of the power line through this corridor could result in blockage (or damage to) subterranean caverns in the aquifer or the contamination of groundwater in the aquifer with the hardening chemicals used in the grout, much as with the Deepwater Horizon endeavor. This could adversely affect the quality and quantity of groundwater that reaches Wakulla Spring by subterranean caverns in the aquifer, or conduits, of the water flowing in the aquifer to Wakulla Spring. We do not believe that these potential impacts have been properly addressed by NextEra.

Before the Tallahassee City Commission makes its final decision on the project, we feel that all potential environmental impacts should be identified and thoroughly vetted. Until that occurs, any final action will be unwarranted and premature. We request that the City Commission not allow this project to go forward until all the potential consequences are considered and understood by agencies, our elected officials and concerned citizens. All appropriate agencies such as, the Florida Department of Environmental Protection, the Florida Geological Society, Northwest Water Management District, U. S. Geological Survey and U. S. Environmental Protection Agency, but not limited to these agencies, should fully assess the potential impacts of this project.



Seán E. McGlynn, Ph.D.
Chair, Wakulla Springs Alliance
568 Beverly Court, Tallahassee, Florida 32301

Leon County Aquifer Vulnerability Assessment Model



Florida Aquifer Assessment Model, notice the red 'Most Vulnerable Area' in Leon and Jefferson Counties, this is where Tram Road lies, one of the most vulnerable aquifer areas in Florida.

